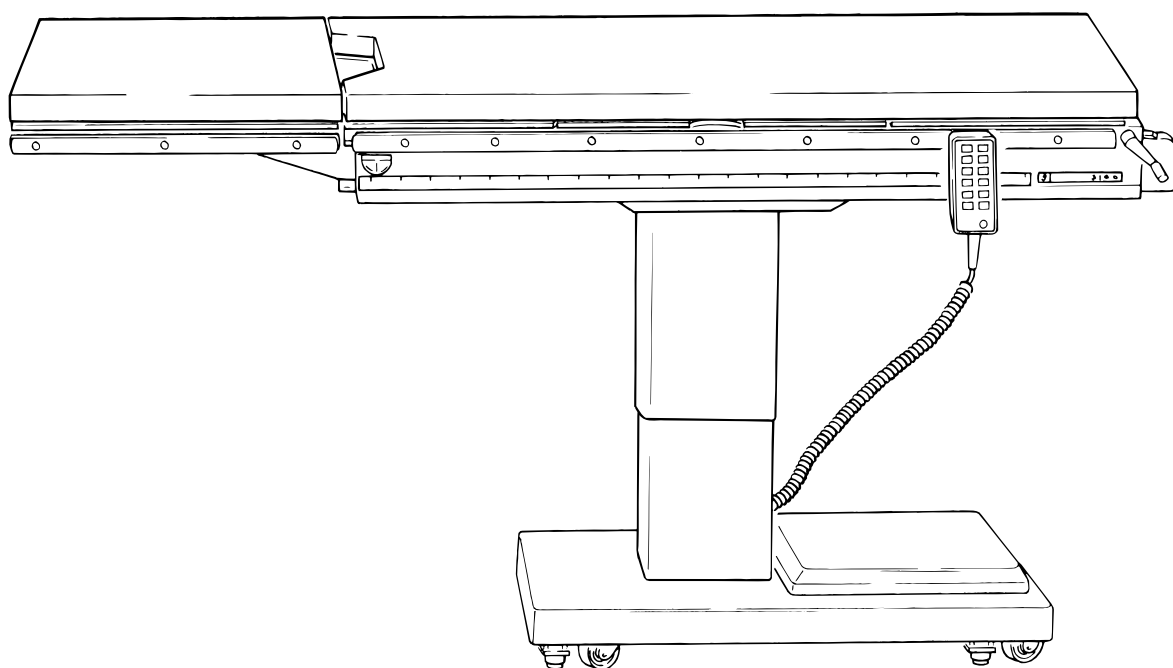


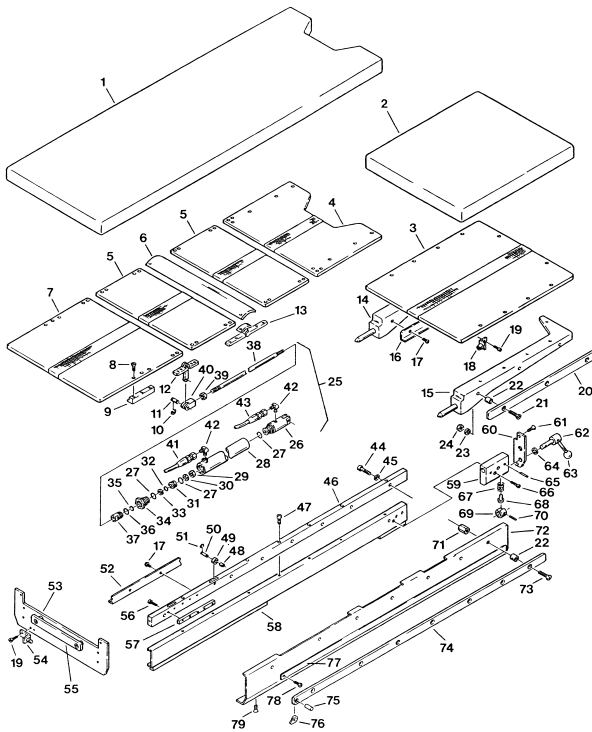


PARTS CATALOG

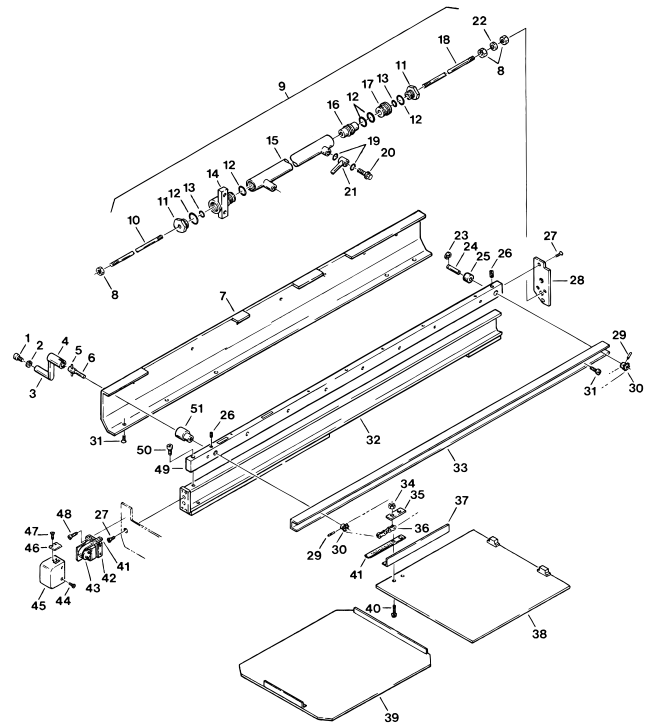


3100 ELITE SERIES SURGICAL TABLES

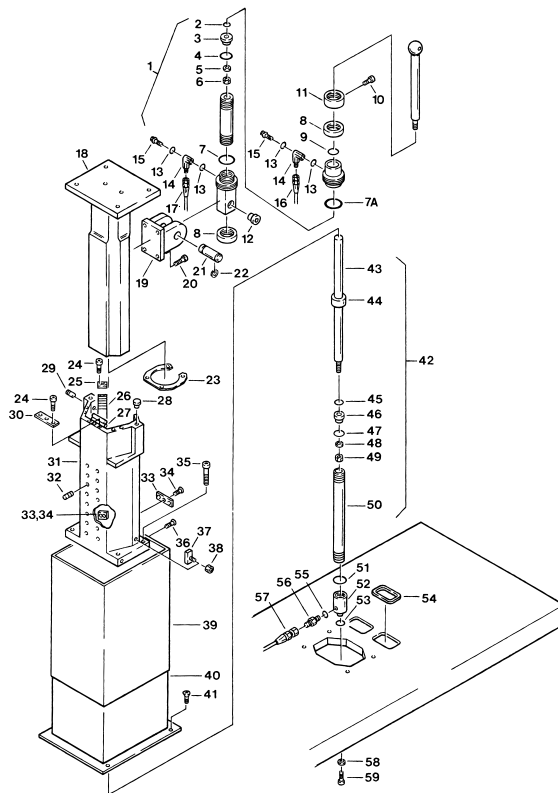
1. Top & Side Frame Assemblies Page 2



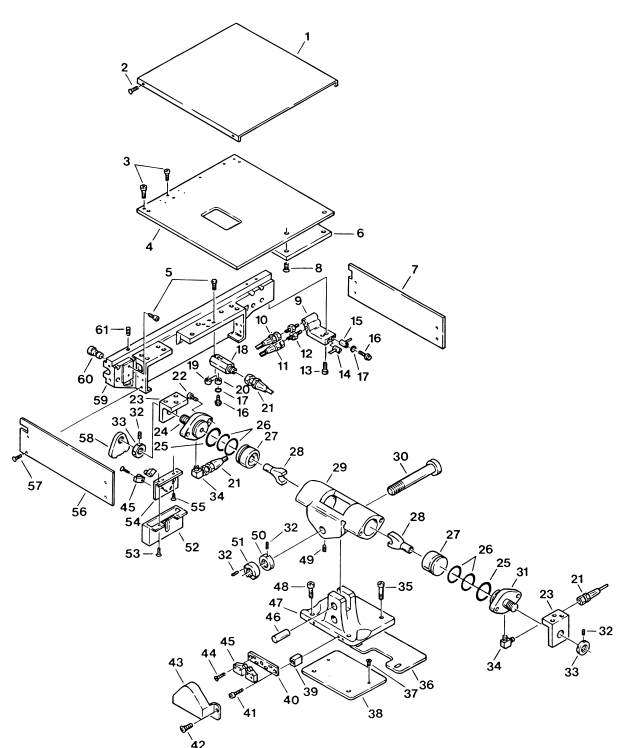
2. Side Frame & Hydraulic Cylinders Page 6



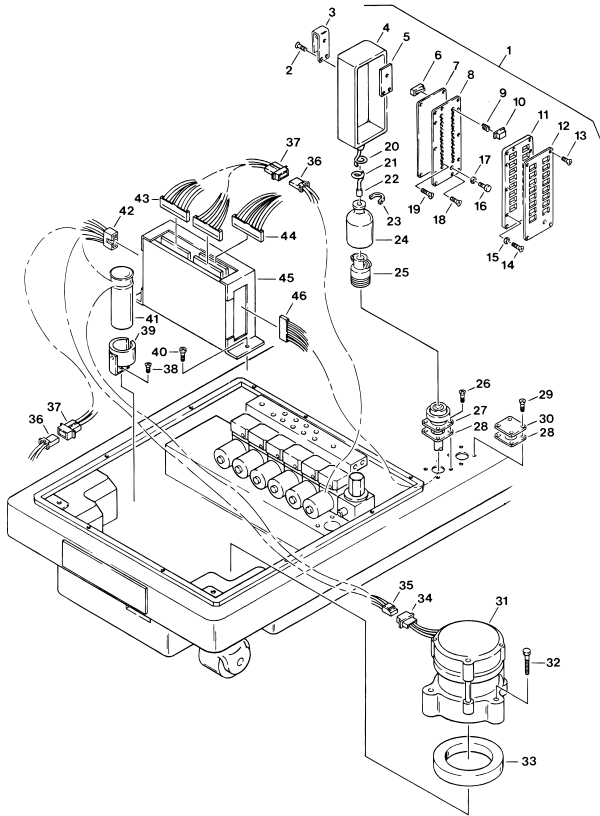
3. Support Column Assembly Page 10



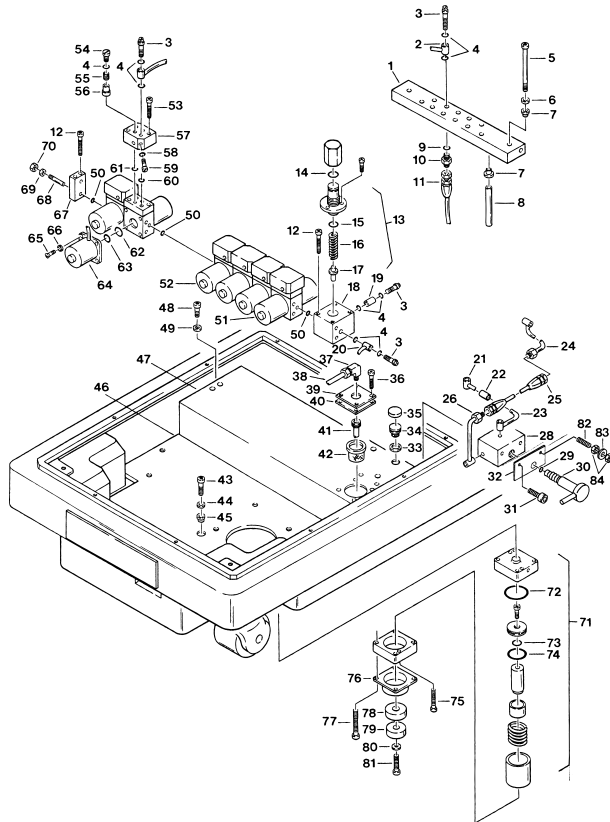
4. Lateral Tilt & Side Frame Assembly Page 14



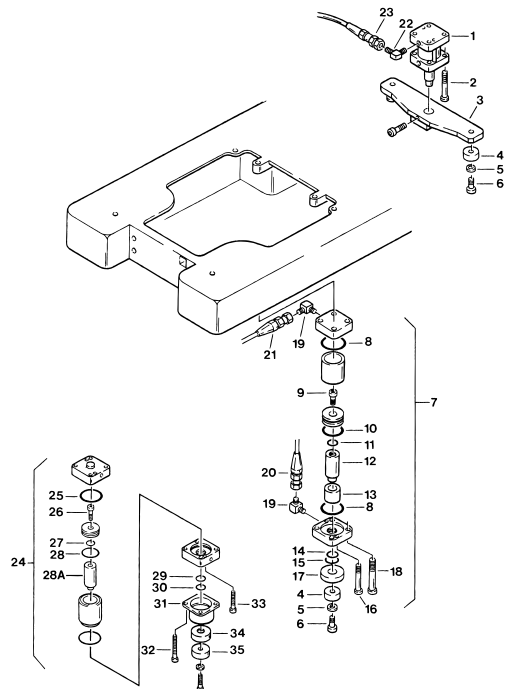
5. Electrical Components Page 18



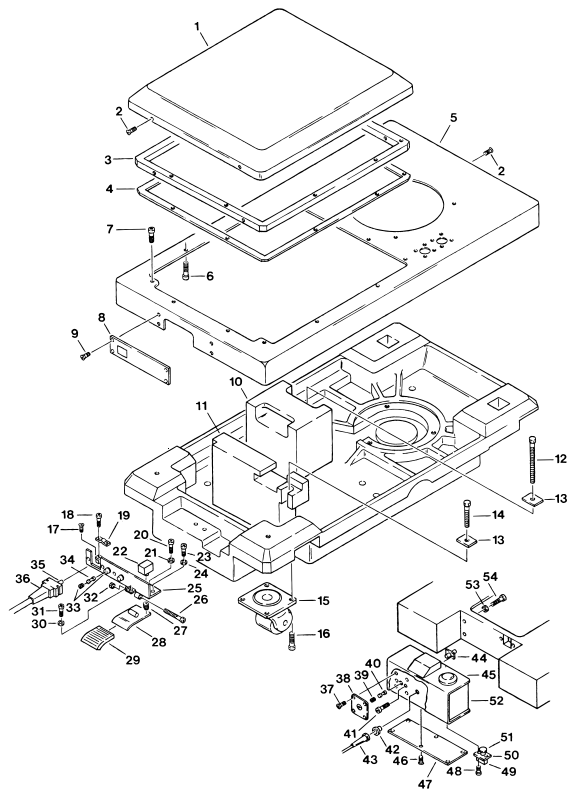
6. Hydraulic Valves & Fittings Page 22



7. Brake Systems, S.N.3100-1989-11-273&P Page 26



8. Base & Power Switch Page 28



INTRODUCTION

This section contains the exploded views and replacement parts lists for the serviceable components of the SKYTRON Model 3100 surgical table.

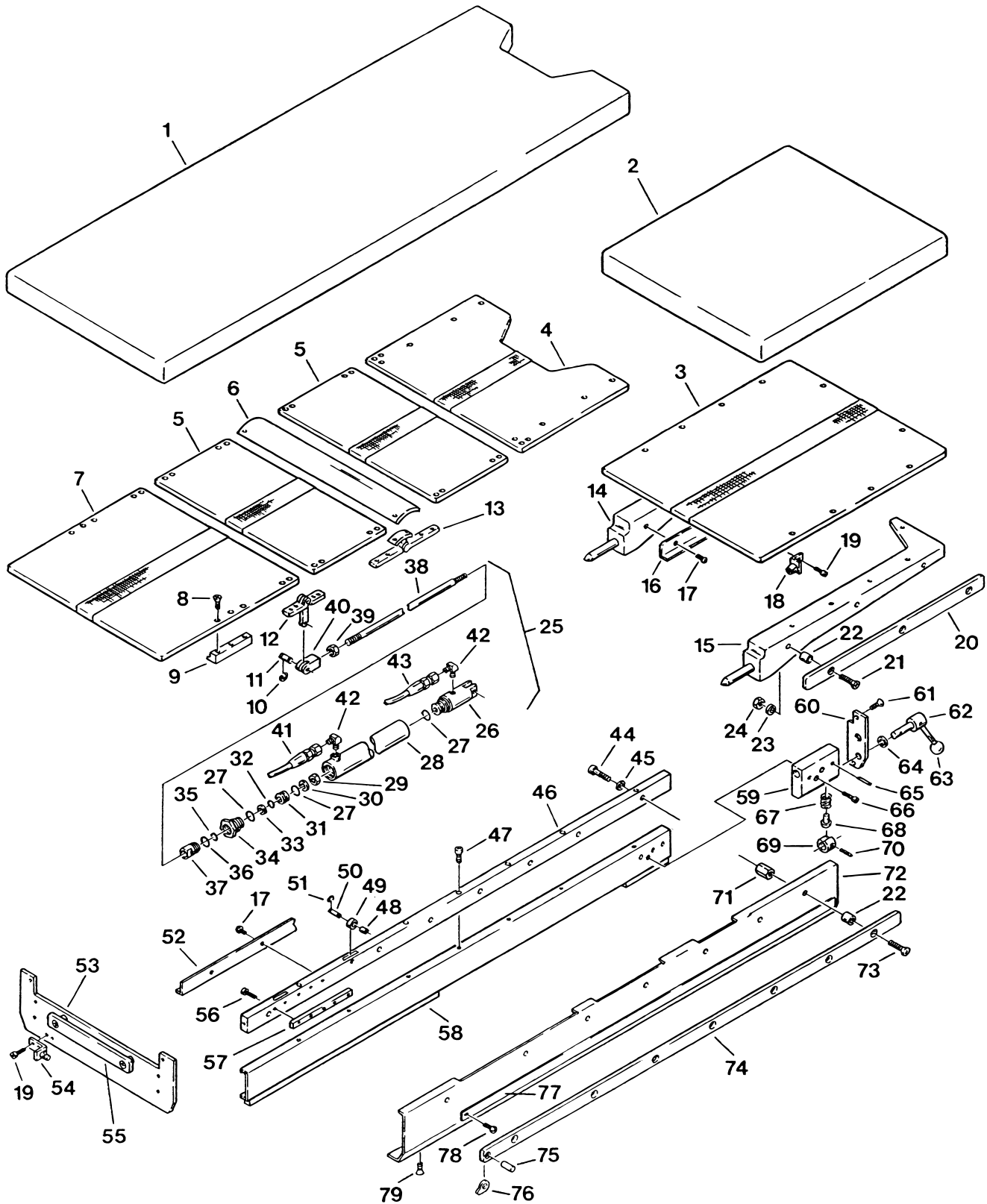
Each serviceable part in these exploded views is identified by a reference number. Use this number to locate necessary part information in the parts list adjacent to the exploded view.

Always use the complete SKYTRON part number, description and Serial Number when ordering replacement parts.

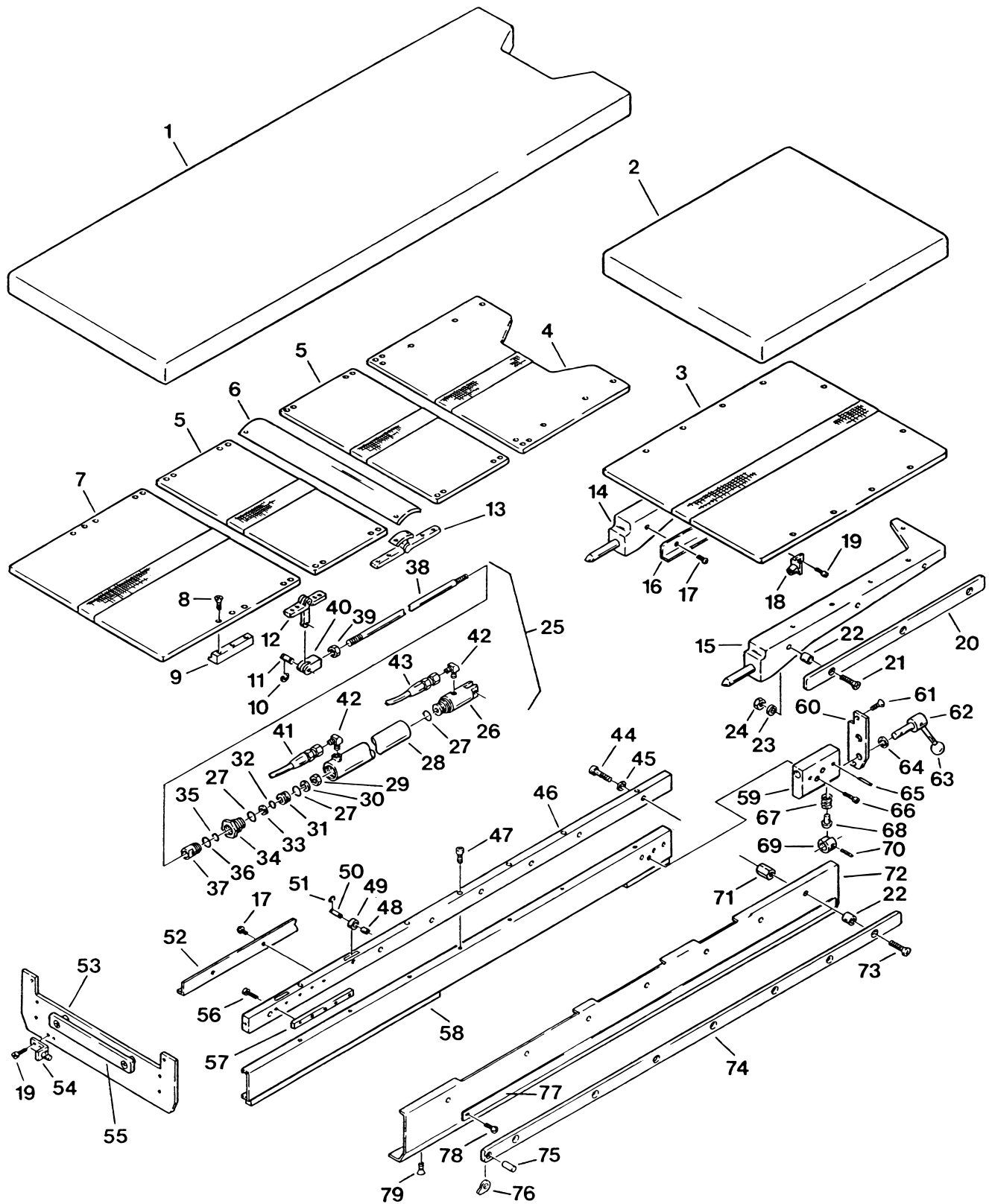
Abbreviations	
As Required	A/R
Optional	opt
Serial Number	S.N.

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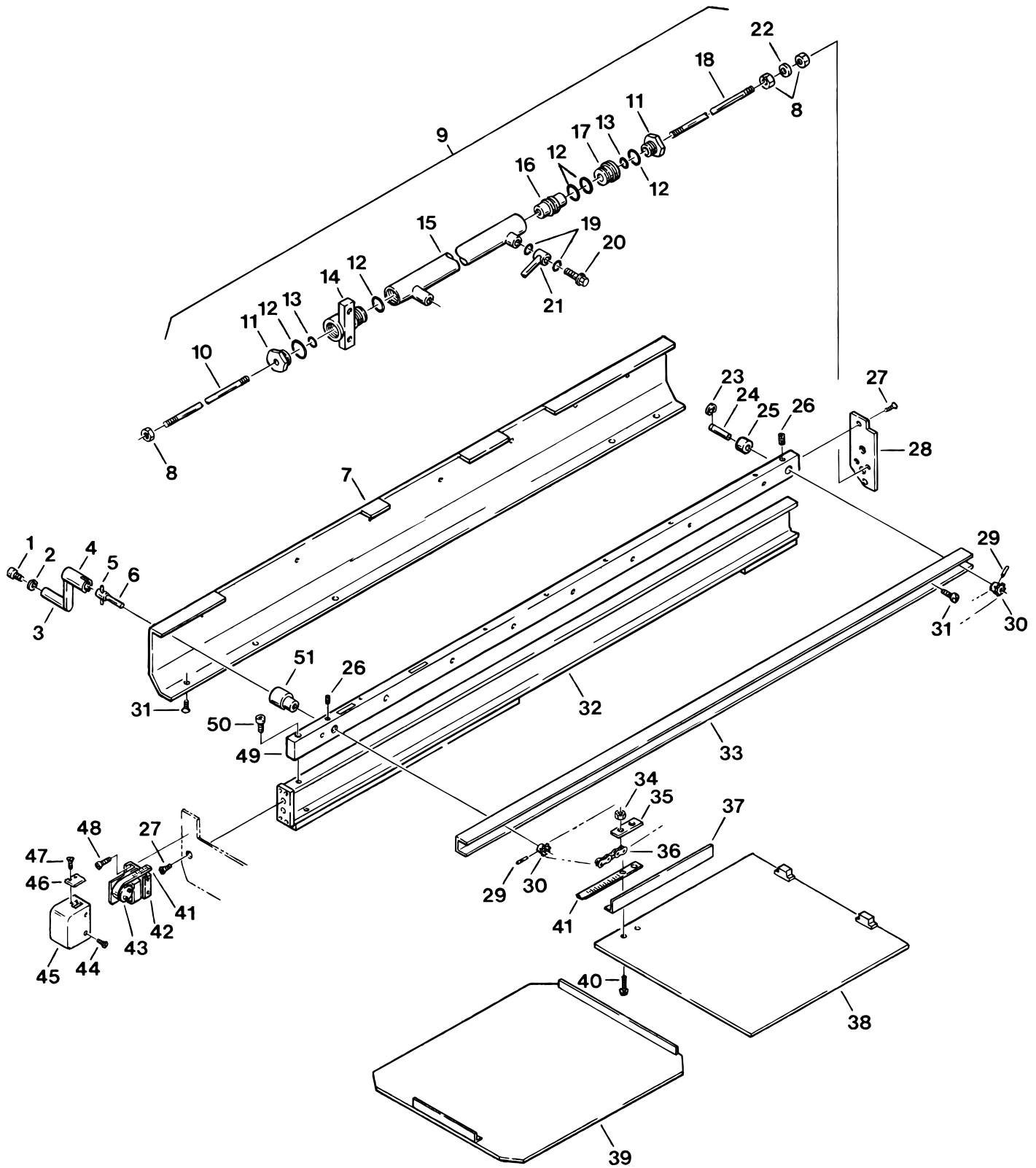
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1. Top & Side Frame Assemblies	2
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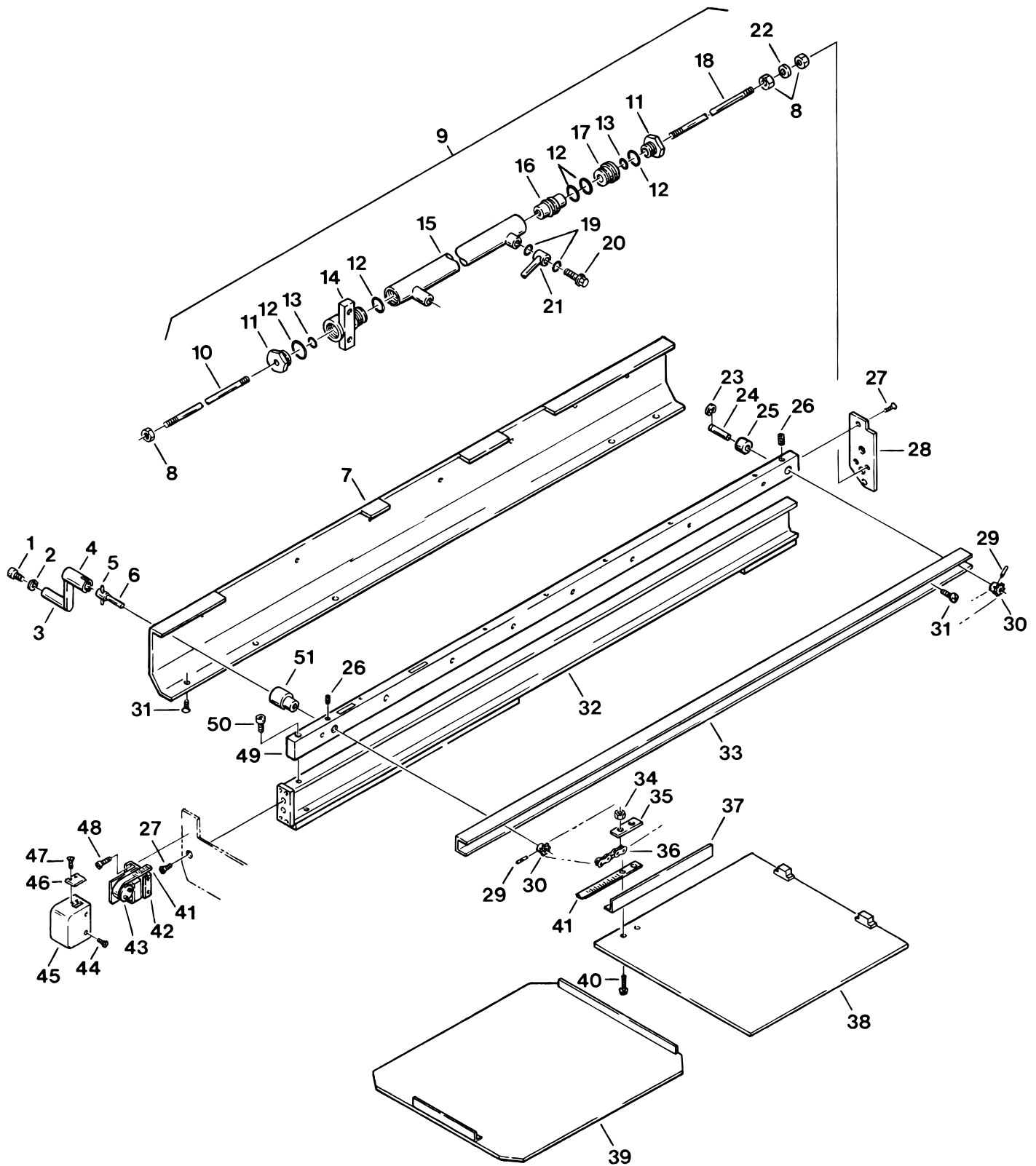
Item	Part No.	Description	Qty.
	1-010-12-P	PAD, set, 2"	opt
1	1-010-12-8P	PAD, back/seat section 2"	opt
2	1-010-12-4P	PAD, foot/leg section 2"	opt
3	D3-060-05	TOP, foot/leg section	1
4	D3-060-04-2	TOP, seat section, S.N.3100-1987-6-129&L	1
	D3-060-04-1	TOP, seat section, S.N.3100-1987-6-128&P	1
5	D3-060-02-2	TOP, back section, S.N.3100-1987-6-129&L	2
	D3-060-02	TOP, back section, S.N.3100-1987-6-128&P	2
6	D3-060-03-2	TOP, kidney bridge, S.N.3100-1987-6-129&L	1
	D3-060-03	TOP, kidney bridge, S.N.3100-1987-6-128&P	1
7	D3-060-01-2	TOP, head section, S.N.3100-1987-6-129&L	1
	D3-060-01	TOP, head section, S.N.3100-1987-6-128&P	1
	D3-060-58	TOP, seat/back, 3100A	1
8	D3-010-19	SCREW, phillips head, M5x15 (plated)	A/R
	D6-010-58-1	SCREW, phillips head, M5x20 (plated)	A/R
9	D3-060-31	RETAINER, head section top	2
10	D6-060-39	CIRCLIP	8
11	D6-060-01	PIN, clevis 8x25	4
12	D3-060-56	PIVOT ASSEMBLY	4
13	D3-060-57	HINGE ASSEMBLY, kidney bridge	2
14	D3-060-12	SIDE FRAME, foot/leg section, left	1
15	D3-060-06	SIDE FRAME, foot/leg section, right	1
16	D3-060-10	GUIDE, cassette tray	1
17	D6-010-80	SCREW, phillips head, M3x6	22
18	D3-060-11	STOP ASSEMBLY, cassette tray	1
19	D6-010-70-1	BOLT, allen, M5x10 (plated)	4
20	D3-060-07	SIDE RAIL, foot/leg section (right)	1
	D3-060-08	SIDE RAIL, foot/leg section (left)	1
21	D6-010-12-1	SCREW, allen head M8x45 (plated)	8
22	D3-010-01	COLLAR, side rail	22
23	D6-010-09-1	WASHER, lock, M8 (plated)	8
24	D6-010-13-1	NUT, M8 (plated)	8
	D6-032-34	NUT, M8 w/ lock washer	8
25	D4-060-01	CYLINDER ASSEMBLY, kidney bridge	2
26	D4-060-08	•TAIL CASTING, cylinder	2
27	D4-060-04	•O-RING, P-15	6
28	D4-060-07	•TUBE, cylinder	2
29	D6-060-03	•NUT, hex	2
30	D6-060-02	•WASHER, lock	2
31	D4-060-06	•PISTON	2
32	D4-010-19	•O-RING, P-6	2
33	D4-060-05	•SPACER, piston	2
34	D4-060-03	•END CAP, cylinder	2
35	D4-060-65	•SEAL, PS-8	2
36	D4-010-02	•O-RING, P-14	2
37	D4-060-02	•GUIDE, cylinder rod	2
38	D4-060-09	•ROD, cylinder	2



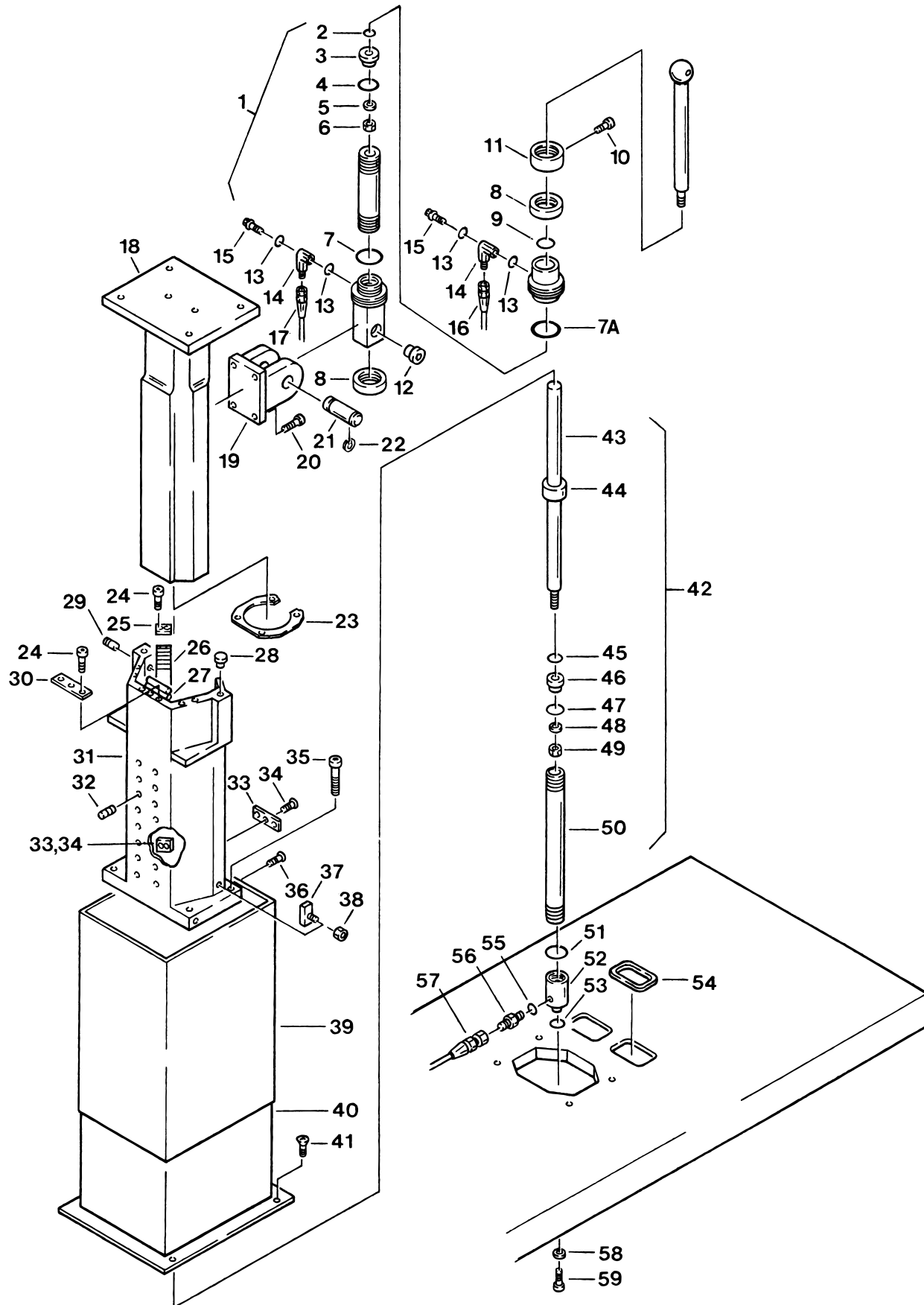
Item	Part No.	Description	Qty.
39	D6-010-13	•NUT, M8	2
40	D4-060-10	•CLEVIS	2
41	D4-060-11	HOSE, flexible	2
42	D4-060-12	ELBOW, 90°	4
43	D4-060-53	HOSE, flexible	2
44	D6-010-17	BOLT, allen, M8x15	14
45	D6-010-09	WASHER, lock, M8	14
46	D3-060-29	UPPER SIDE FRAME, right	1
	D3-060-29-1	UPPER SIDE FRAME, right, 3100A	1
47	D6-010-28	BOLT, allen, M5x6	8
48	D6-060-08	SPACER, roller	4
49	D6-060-09	ROLLER	4
50	D6-060-10	PIN	4
51	D6-060-11	CIRCLIP, E4	8
52	D3-060-30	GUIDE, cassette tray (right)	1
53	D3-060-32	COVER PLATE, head end	1
54	D6-060-13	BRACKET, handle storage	1
55	D3-060-33	ACCESSORY RAIL	1
56	D6-060-07	BOLT, allen, M4x8	10
57	D3-060-28	GUIDE, top retaining	2
58	D3-060-27-1	CHANNEL, bearing, right	1
59	D3-060-14-1	HOUSING, foot/leg section lock (right)	1
	D3-060-14-2	HOUSING, foot/leg section lock (left)	1
60	D3-060-15	PLATE, end (right)	1
61	D6-050-31-1	SCREW, phillips head, M5x15 (plated)	3
62	D3-060-16	LOCK HANDLE, foot/leg section	2
63	D3-060-17	•KNOB, lock handle	2
64	D3-060-18	SPACER, lock handle	2
65	D6-060-14	PIN, tapered, M8x30	4
66	D6-010-33	BOLT, allen, M8x25	4
67	D3-060-19	SPRING	2
68	D3-060-20	PLUNGER, lock	2
69	D3-060-21	CAM, lock	2
70	D6-060-05	PIN, roll M5x25	4
71	D3-060-13	NUT, special, M8	14
72	D3-060-26	COVER, side frame, right	1
73	D6-060-44-1	SCREW, phillips head, M8x35 (plated)	14
74	D3-060-23	SIDE RAIL, right	1
	D3-060-24	SIDE RAIL, left	1
75	D3-010-41	•PIN, rail stop	2
76	D3-010-43	•STOP, rail, large	2
77	D3-060-25-1	SCALE, cassette tray positioning, right (self adhesive)	1
	D3-060-25	SCALE, cassette tray positioning, right	1
	D3-060-09-1	SCALE, cassette tray positioning, left (self adhesive)	1
	D3-060-09	SCALE, cassette tray positioning, left	1
78	D6-060-06	SCREW, phillips head, M3x6	6
79	D6-010-57	SCREW, phillips head, M4x10	5



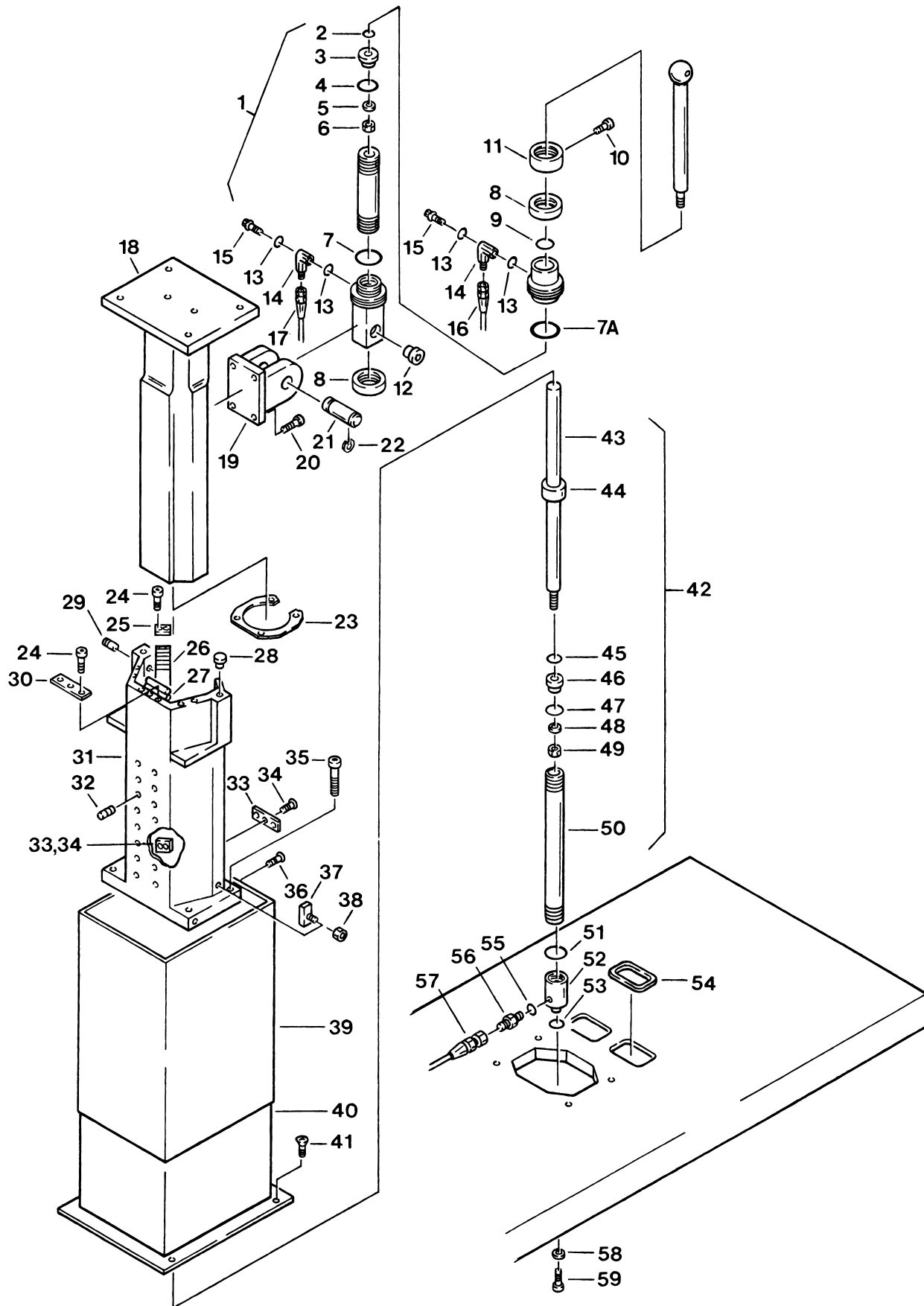
Item	Part No.	Description	Qty.
	D6-060-18-A	HANDLE ASSEMBLY, cassette drive	1
1	D6-010-70-1	•BOLT, allen, M5x10 (plated)	1
2	D6-010-77-1	•WASHER, lock, M5 (plated)	1
3	D6-060-17	•GRIP, handle	1
4	D6-060-18	•HANDLE, cassette drive	1
5	D6-060-19	PIN, 4x20	1
6	D3-060-34	SHAFT, sprocket drive	1
7	D3-060-36	COVER, side frame, left	1
8	D6-010-41-1	NUT, M6 (plated)	3
9	D4-060-13	CYLINDER ASSEMBLY, slide function	1
10	D4-060-14	•ROD, cylinder	1
11	D4-060-15	•SEAL CAP, cylinder rod	2
12	D4-060-04	•O-RING, P-15	5
13	D4-060-66	•SEAL, PS-6	2
14	D4-060-16	•END CAP, cylinder mounting	1
15	D4-060-17	•TUBE, cylinder	1
16	D4-060-18	•PISTON, cylinder	1
17	D4-060-19	•END CAP	1
18	D4-060-20	•ROD, cylinder	1
19	D4-010-08	O-RING, P-7	4
20	D4-010-24	BOLT, plumbing, M6	2
21	D4-060-21	CYLINDER PIPING, slide cylinder (rear)	1
	D4-060-22	CYLINDER PIPING, slide cylinder (front)	1
22	D6-010-85	WASHER, flat, M6	2
23	D6-060-45	CIRCLIP	1
24	D6-060-46	SHAFT, sprocket	1
25	D6-060-47	ECCENTRIC BUSHING	1
26	D6-060-21	SCREW, set, M5x6	2
27	D6-050-31-1	SCREW, phillips head, M5x15	12
28	D3-060-37	PLATE, end (left)	1
29	D6-060-23	PIN, roll, M3x15	2
30	D6-060-20	SPROCKET, SW 1/4S11-B	2
31	D6-010-57	SCREW, phillips head, M4x10	A/R
32	D3-060-46-1	CHANNEL, bearing (left)	1
33	D3-060-47	GUIDE, cassette tray (left)	1
34	D6-060-25	NUT, M3	4
35	D3-060-48	PLATE, retainer	1
36	D6-060-24	CHAIN, roller	1
37	D3-060-49	GUARD, chain	1
38	D3-060-50	HOLDER, cassette tray	1
	D3-060-50-1	•MAGNET	2
39	D3-060-51	TRAY, cassette	1
40	D6-060-26	SCREW, phillips head M3x15	2
41	D3-060-41	MEASURING TAPE	1
42	D3-060-42	BRACKET ASSEMBLY, measuring tape	1
43	D3-060-45	ROLLER	1



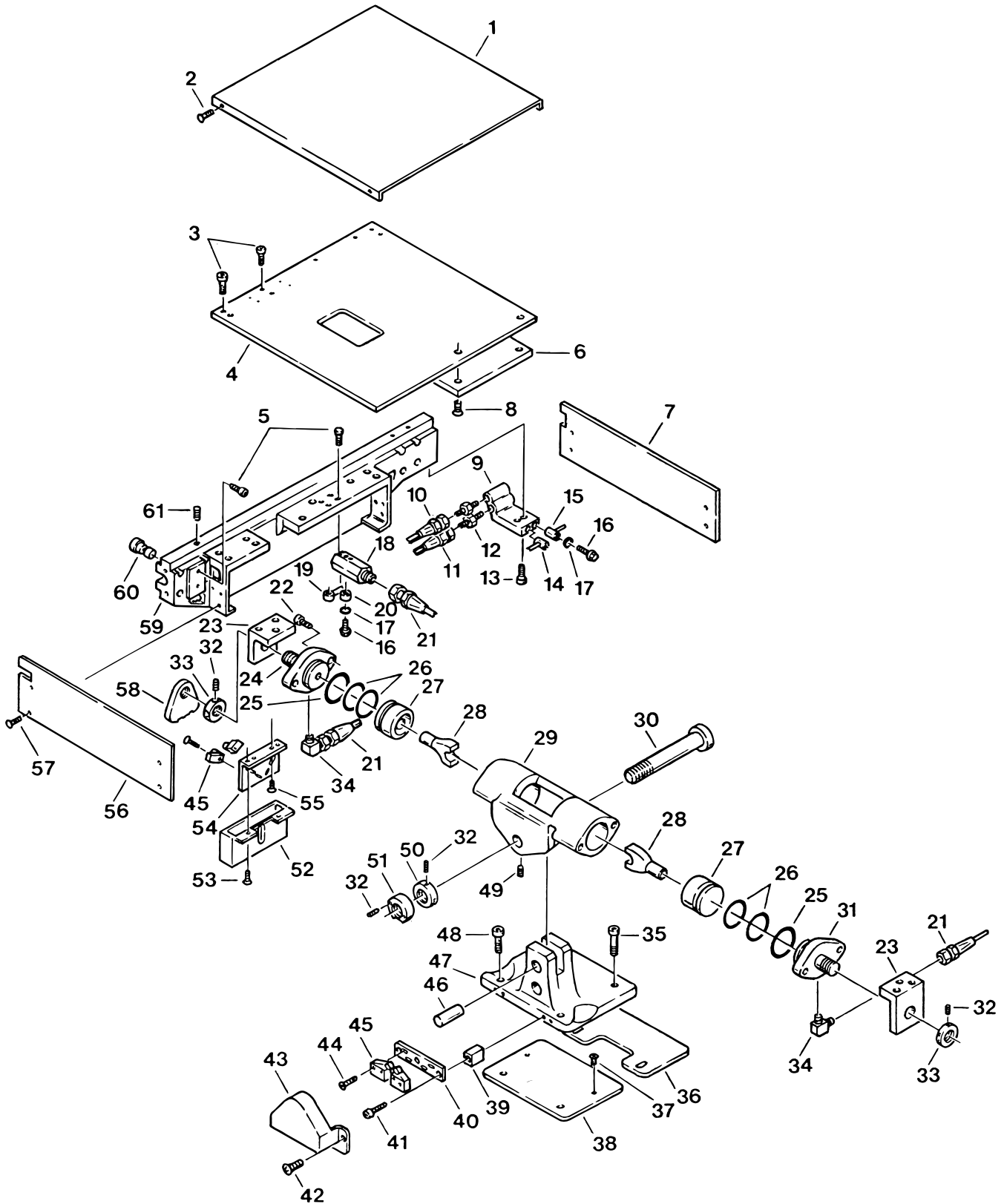
Item	Part No.	Description	Qty.
44	D6-010-80	SCREW, phillips head, M3x6	4
45	D3-060-44	COVER, measuring tape	1
46	D3-060-43	LENS (red line) 3100-601&P, 3100A-035&P	1
	D3-060-43-1	LENS (black triangle) 3100-602&L, 3100A-036&L	1
47	D6-060-22	SCREW, phillips head, M3x10	2
48	D6-010-70	BOLT, allen, M5x10	3
49	D3-060-39	UPPER SIDE FRAME (left)	1
	D3-060-39-1	UPPER SIDE FRAME (left) 3100A	1
50	D6-010-28	BOLT, allen, M5x6	8
51	D3-060-35	ECCENTRIC BUSHING	1



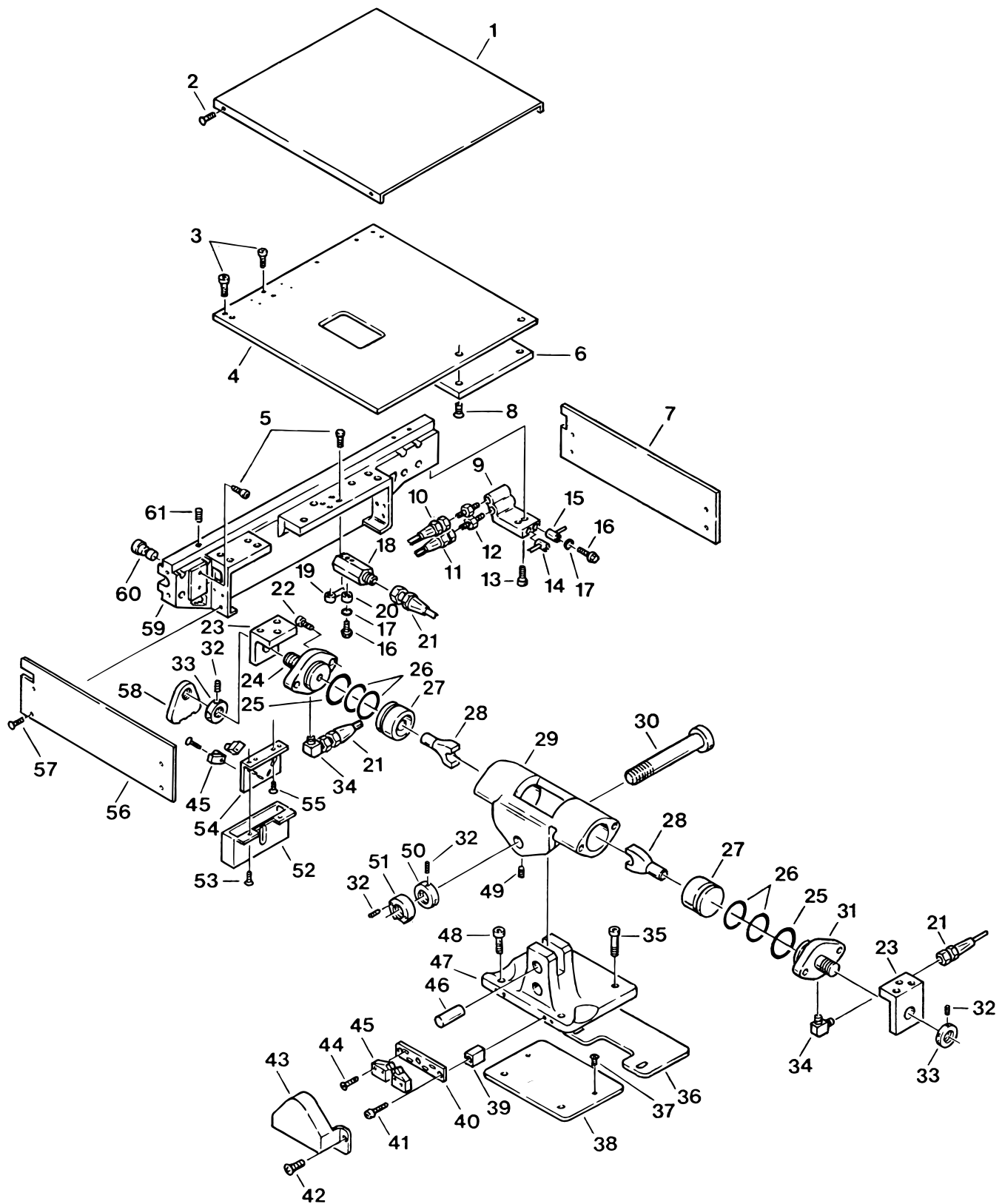
Item	Part No.	Description	Qty.
1	D4-060-68	CYLINDER ASSYSEMBLY, trendelenburg 1994-11-561&L	1
	D4-060-27	CYLINDER ASSEMBLY, trendelenburg 1994-11-560&P	1
2	D4-010-56	•O-RING, P-10A	1
3	D4-060-31	•PISTON	1
4	D4-010-05	•O-RING, P-50A	1
5	D6-010-42	•WASHER, lock, M10	1
6	D6-010-43	•NUT, M10	1
7	D4-010-13	•O-RING, G-55	2
7A	D4-010-59	•O-RING, P-55 (for D4-060-68)	1
	D4-010-13	•O-RING, G-55 (for D4-060-27)	1
8	D4-060-28	•NUT, cylinder tail section	2
9	D4-060-23	•O-RING, P-20	1
10	D6-010-28	BOLT, allen, M5x6	1
11	D4-060-36	RETAINER NUT, ball joint	1
12	D2-060-37	BEARING ASSEMBLY, trendelenburg cylinder	1
13	D4-010-11	O-RING, KS-8	4
14	D4-060-26	FITTING, hydraulic, 90° elbow, long	1
	D4-060-26-1	FITTING, hydraulic, 90° elbow, short	1
15	D4-060-67	BOLT, plumbing, M8	2
16	D4-060-37	HOSE, flexible	1
17	D4-060-25	HOSE, flexible	1
18	D2-060-01	SLIDER	1
19	D2-060-08	FLANGE, cylinder mounting	1
20	D6-010-54	BOLT, allen, M8x30	4
21	D2-060-09	AXIS, trendelenburg cylinder	1
22	D6-060-30	RING, retaining	2
23	D2-060-35	STOP, bearing	1
24	D6-010-10-3	BOLT, allen, M4x10	7
25	D2-060-02	STOP, needle bearing, upper	2
26	D2-060-03	NEEDLE BEARING ASSEMBLY	12
27	D2-060-38	BEARING RACE	1
28	D2-060-33	CUSHION, dropping	2
29	D2-060-32	PIN, stop	1
30	D2-060-31	STOP, bearing	1
31	D2-060-41	HOLDER, slider, S.N.3100-1992-8-441&L	1
	D2-060-05	HOLDER, slider, S.N.3100-1992-8-440&P	1
32	D6-060-34	SET SCREW, M8x10	16
33	D2-060-04	STOP, needle bearing, lower	2
	D2-060-04-1	STOP, needle bearing, lower (small)	2
34	D6-060-40	SCREW, phillips head	7
35	D6-060-27	BOLT, allen, M12x45	4
36	D6-060-28	SCREW, round head, M5x10	3
	D6-050-36-1	BOLT, allen, M5x8	3
37	D2-060-36	STOP, bearing	2
38	D6-010-59	•NUT, M4	2
39	D2-060-42	SHROUD, elevation, outer, S.N.3100-1992-8-441&L	1
	D2-060-07	SHROUD, elevation, outer, S.N.3100-1992-8-440&P	1
40	D2-060-43	SHROUD, elevation, inner, S.N.3100-1992-8-441&L	1
	D2-060-06	SHROUD, elevation, inner, S.N.3100-1992-8-440&P	1



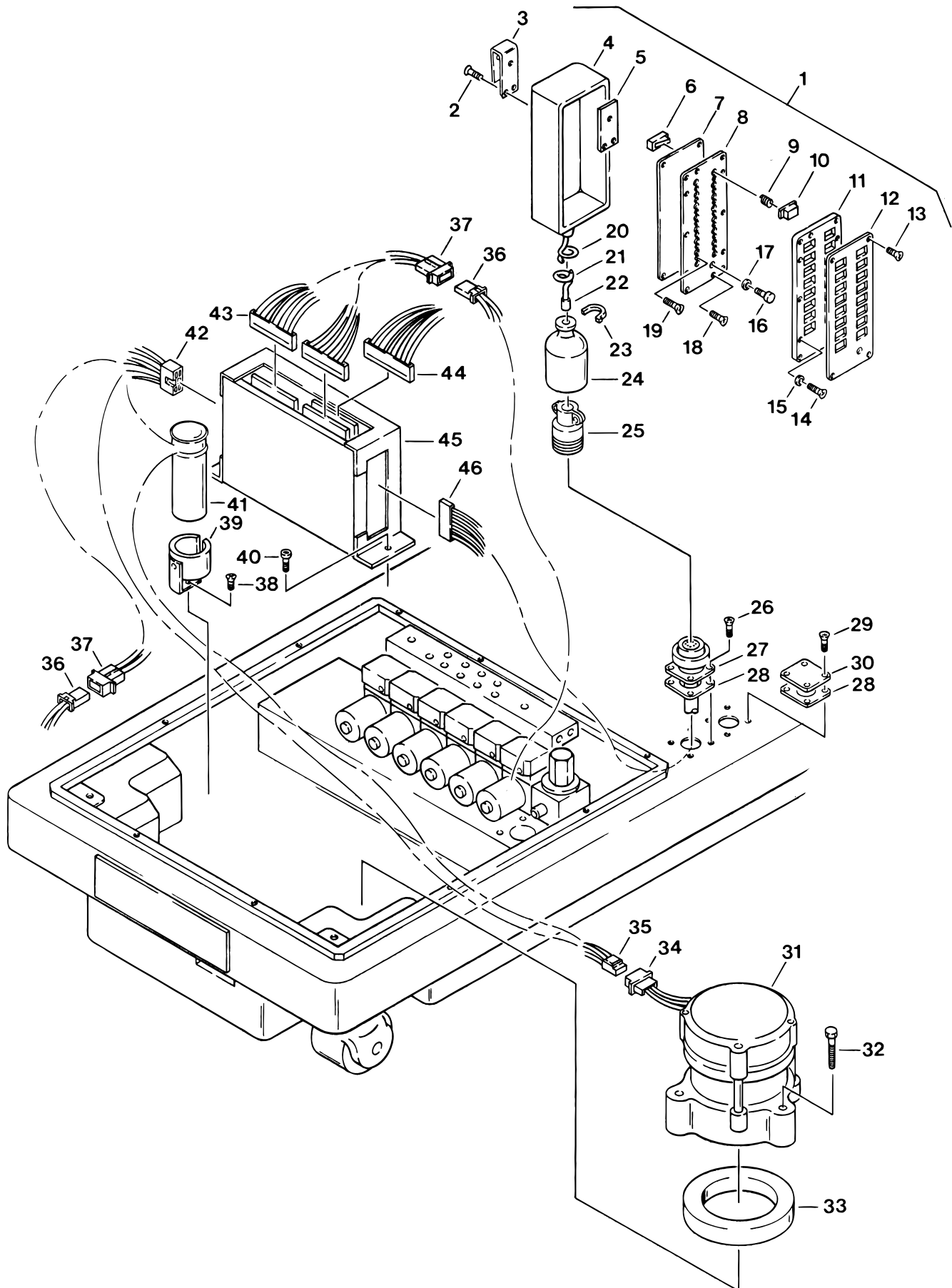
Item	Part No.	Description	Qty.
41	D6-010-49	SCREW, phillips head, M5x12, S.N.3100-1992-8-441&L	4
	D6-070-26	SCREW, phillips head, M5x10, S.N.3100-1992-8-440&P	3
42	D4-060-38	CYLINDER ASSEMBLY, elevation	1
43	D4-060-39	•ROD, piston, elevation cylinder	1
44	D4-060-40	•END CAP, elevation cylinder	1
45	D4-010-56	•O-RING, P-10A	1
46	D4-060-41	•PISTON, elevation cylinder	1
47	D4-010-12	•O-RING, P-24	1
48	D6-010-42	•WASHER	1
49	D6-010-43	•NUT	1
50	D4-060-42	•TUBE, elevation cylinder	1
51	D4-010-54	•O-RING, P-34	1
52	D4-060-43-1	•SAUCER, elevation cylinder, S.N.3100-1992-8-441&L	1
	D4-060-43	•SAUCER, elevation cylinder, S.N.3100-1992-8-440&P	1
53	D4-010-51	O-RING, P-16	1
54	D1-060-01	GUARD, hose, S.N.3100-1992-8-440&P	2
55	D4-010-32	PACKING, copper	1
56	D4-010-31	FITTING, flexible hose	1
57	D4-060-44	HOSE, flexible, 200mm	1
58	D6-060-32	WASHER, special	1
59	D6-010-51	BOLT, allen, M6x10	1



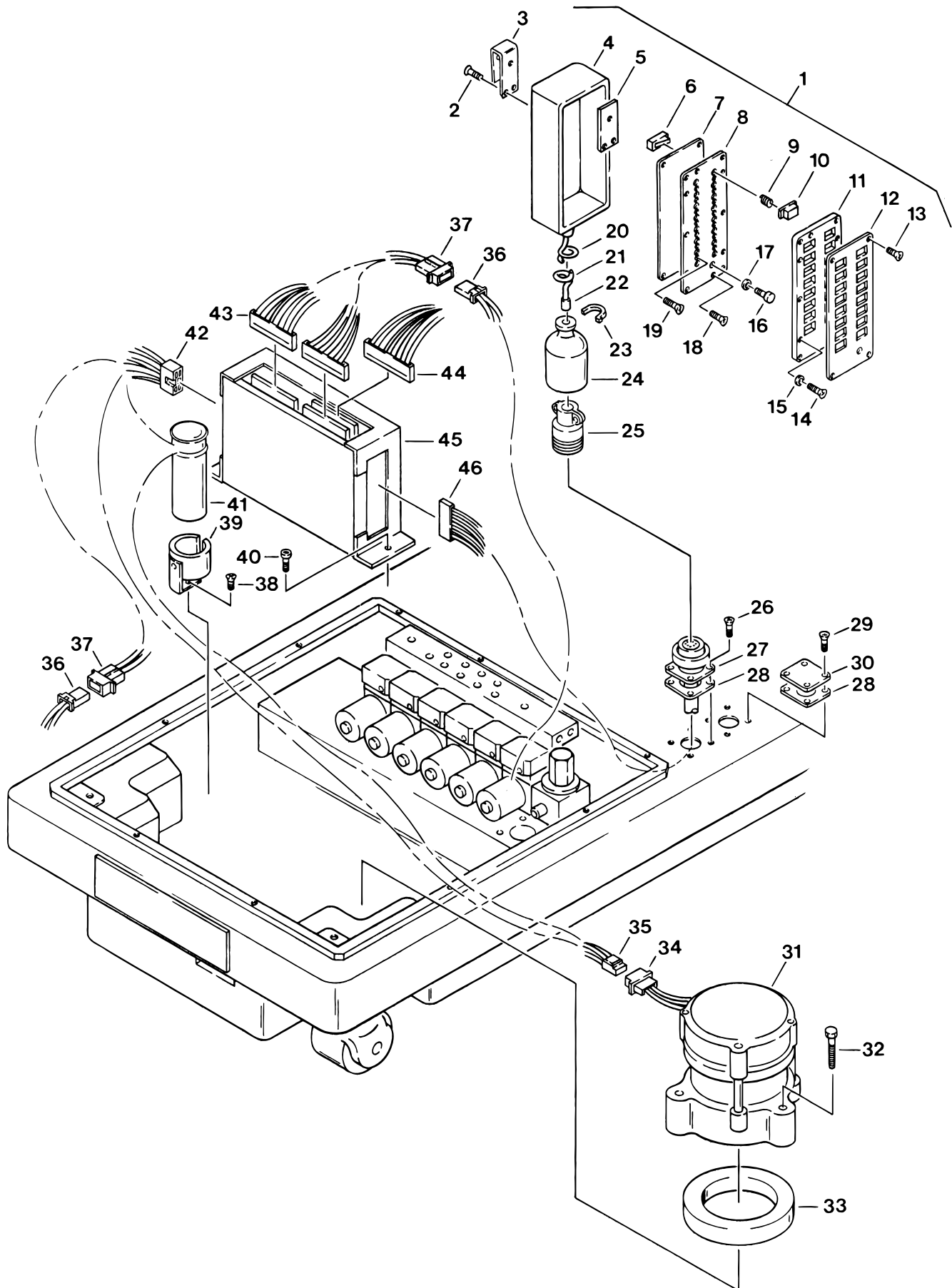
Item	Part No.	Description	Qty.
1	D2-060-10	COVER, center section	1
2	D6-060-07	SCREW, round head, M4x6	4
3	D6-010-53	BOLT, allen, M8x20	6
4	D2-060-11	PLATE, center section	1
5	D6-010-91	BOLT, allen, M6x25	10
6	D2-060-34	PLATE, trendelenburg pivot	1
7	D2-060-12	COVER, upper frame	1
8	D6-010-33	BOLT, allen, M8x25	4
9	D4-060-45	TERMINAL, plumbing, left	1
	D4-060-46	TERMINAL, plumbing, right	1
10	D4-060-11	HOSE, flexible, 1200mm	2
11	D4-060-53	HOSE, flexible, 1400mm	2
12	D4-010-31	FITTING, flexible hose	2
13	D6-010-30-1	BOLT, allen, M6x20 (plated)	4
14	D4-060-47	CYLINDER PIPING, kidney bridge cylinder (left)	1
	D4-060-51	CYLINDER PIPING, kidney bridge cylinder (right)	1
15	D4-060-48	CYLINDER PIPING, kidney bridge cylinder (left)	1
	D4-060-52	CYLINDER PIPING, kidney bridge cylinder (right)	1
16	D4-010-24	BOLT, plumbing, M6	12
17	D4-010-08	O-RING, P-7	24
18	D4-060-49	TERMINAL, plumbing	4
19	D4-060-21	CYLINDER PIPING, slide function cylinder (rear)	1
	D4-060-22	CYLINDER PIPING, slide function cylinder (front)	1
20	D4-010-18	CAP, blind, M6	2
21	D4-060-50	HOSE, flexible, 1550mm	6
22	D6-010-45	BOLT, allen, M10x30	4
23	D2-060-13	BRACKET, trendelenburg pivot	2
24	D2-060-14	CAP, lateral tilt cylinder, left	1
25	D4-032-79	O-RING, S-55, S.N.3100-1992-10-461&L	2
26	D4-060-24	O-RING, P-49	4
27	D4-060-54	PISTON, lateral tilt	2
28	D4-060-55	CONNECTING ROD, lateral tilt piston	2
29	D2-060-15	HOUSING, lateral tilt cylinder	1
30	D2-060-16	AXIS, lateral tilt	1
31	D2-060-17	CAP, lateral tilt cylinder, right	1
32	D6-060-38	SET SCREW, M5x10	5
33	D2-060-40	NUT, trendelenburg axis	2
34	D4-010-29	FITTING, hydraulic, 90° elbow	2
35	D6-010-22	BOLT, allen, M12x35	2
36	D2-060-20	COVER PLATE, trendelenburg cylinder	1
37	D6-010-19	SCREW, phillips, M5x10	2
38	D2-060-21	HEAD PLATE, slider	1
39	D2-060-22	SPACER, mounting plate	2
40	D2-060-23	PLATE, micro-switch mounting	1
41	D6-060-36	BOLT, allen, M4x30	2
42	D6-060-28	SCREW, round head, M5x8	2



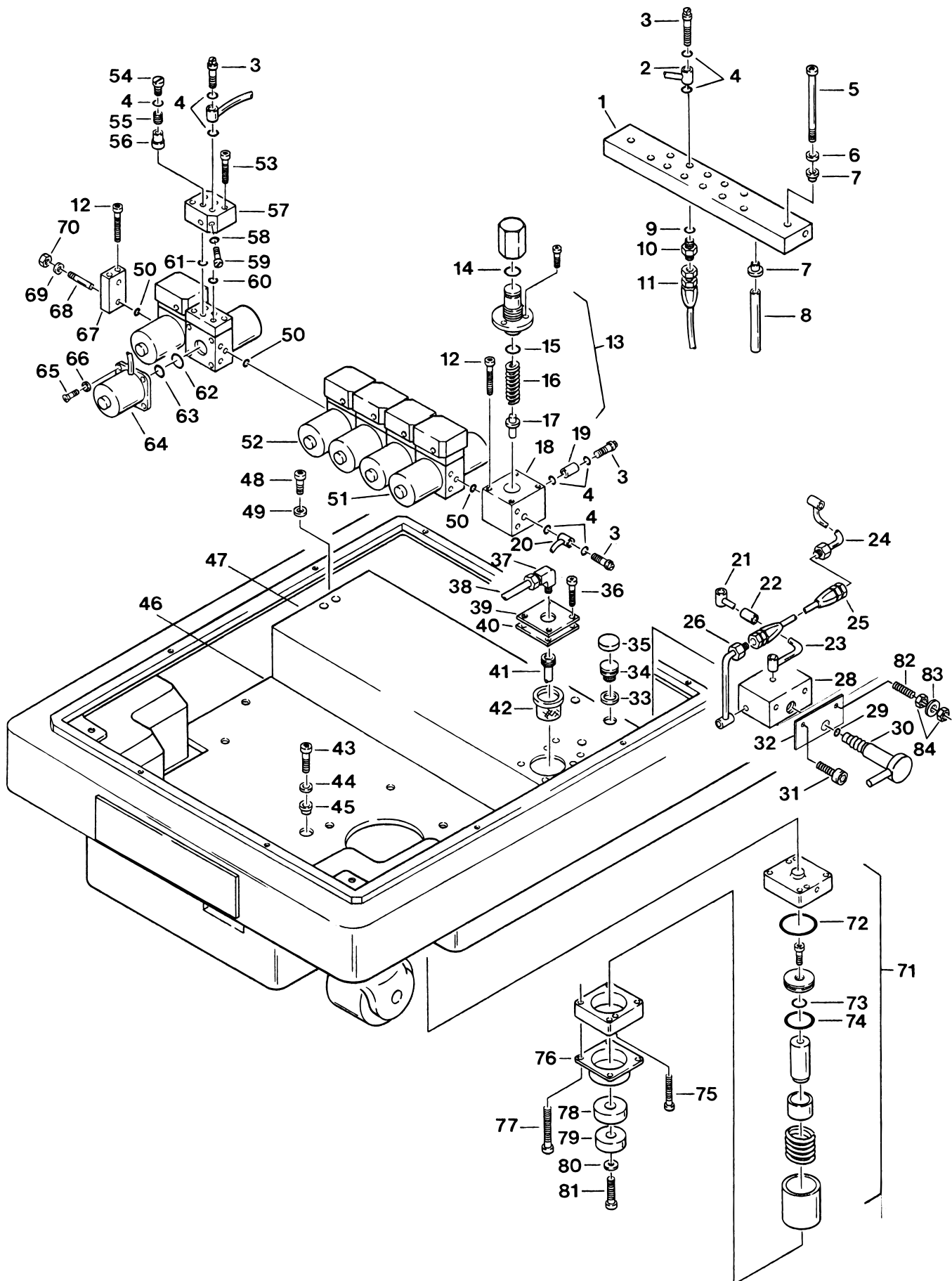
Item	Part No.	Description	Qty.
43	D2-060-24	COVER, micro-switch	1
44	D6-060-37	BOLT, allen, M3x20	8
45	D5-060-01	MICRO-SWITCH, V-1A	4
46	D2-060-19	PIN, lateral tilt	1
47	D2-060-18	CASTING, lateral tilt pivot	1
48	D6-060-35	BOLT, allen, M12x25	2
49	D6-060-34	SET SCREW, M8x10	1
50	D2-060-26	NUT, lateral tilt axis	1
51	D2-060-25	ACTUATOR, micro-switch	1
52	D2-060-27	COVER, trendelenburg micro-switch	1
53	D6-060-41	BOLT, allen M4x3	2
54	D2-060-28	BRACKET, micro-switch mounting	1
55	D6-010-70	BOLT, allen, M5x10	2
56	D2-060-30	COVER, upper frame	1
57	D6-060-42	SCREW, round head, M5x10	8
58	D2-060-29	ACTUATOR, micro-switch	1
59	D3-060-53	MAIN SIDE FRAME, left	1
	D3-060-54	MAIN SIDE FRAME, right	1
60	D3-060-55	BEARING ASSEMBLY	16
61	D6-010-10-1	SET SCREW, M6x10	16



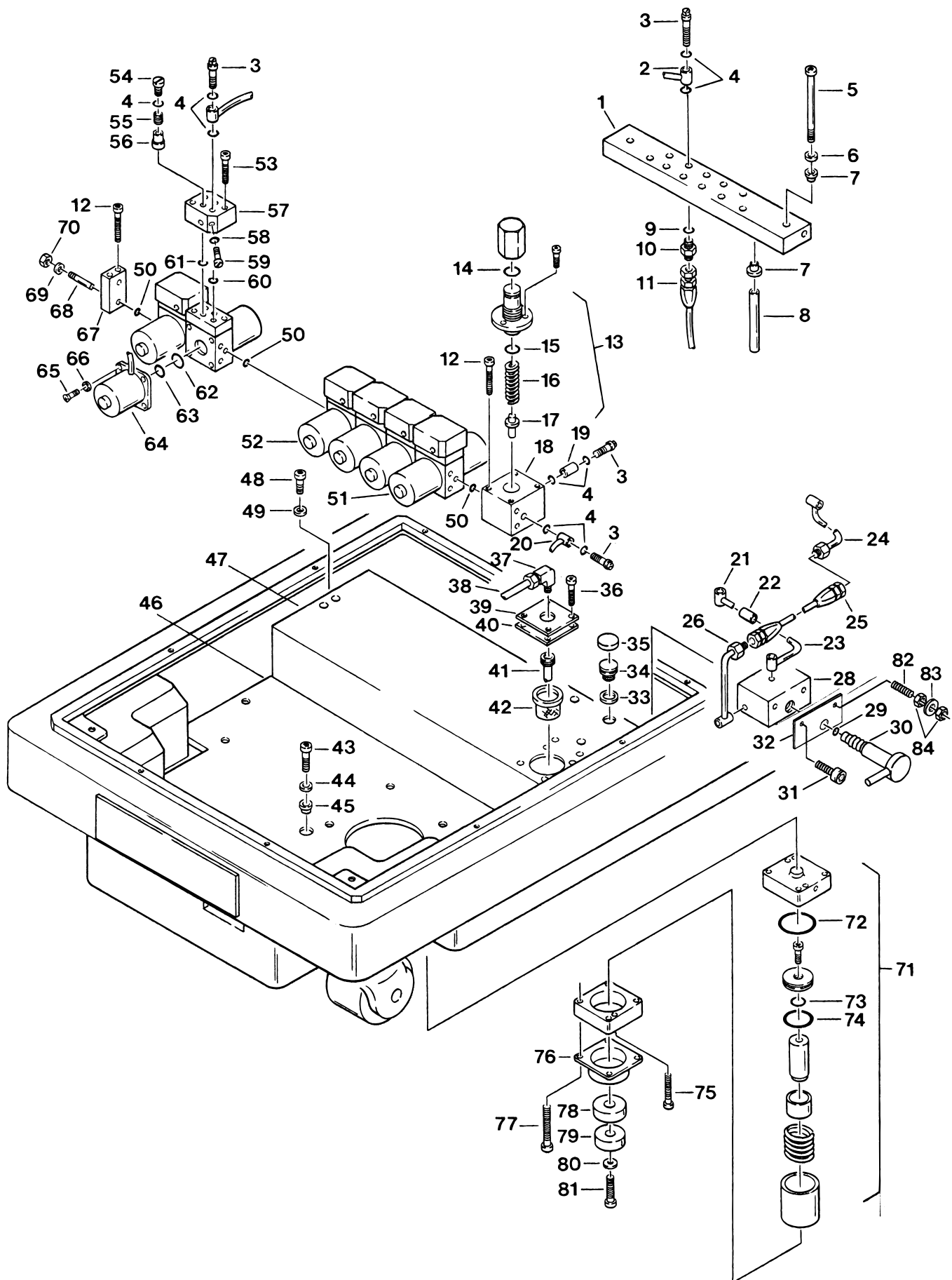
Item	Part No.	Description	Qty.
1	D5-060-21	PENDANT CONTROL ASSEMBLY (letters)	1
	D5-060-15	PENDANT CONTROL ASSEMBLY (one touch)	1
	D5-060-08	PENDANT CONTROL ASSEMBLY (w/Energize & Move)	1
	D5-060-02	PENDANT CONTROL ASSEMBLY (w/Energize)	1
2	D6-032-33	•SCREW, pendant hook, M4x12	3
3	D5-031-14	•HOOK, pendant	1
4	D5-031-22	•COVER, rubber	1
5	D5-031-34	•INSERT, pendant hook	1
6	D5-030-23	•MICRO-SWITCH	A/R
7	D5-031-21	•GASKET, micro-switch plate	1
8	D5-032-01	•PLATE, micro-switch mounting	1
9	D5-031-07	•SPRING, pendant button	A/R
10		•BUTTON, pendant (specify function & S.N.)	A/R
11	D5-031-12-1	•HOLDER, plastic button	1
12	D5-060-22	•FACE PLATE, pendant control, for D5-060-21	1
	D5-060-17	•FACE PLATE, pendant control, for D5-060-15	1
	D5-060-11	•FACE PLATE, pendant control, for D5-060-08	1
	D5-060-04	•FACE PLATE, pendant control, for D5-060-02	1
13	D6-010-80-1	•SCREW, phillips hd., M3x6	4
14	D6-010-109	•SCREW, phillips hd., M3x15	6
15	D5-030-42	•WASHER, special	6
16	D5-030-43	•INDICATOR LIGHT, green	1
17	D5-030-48	•CHROME RING, indicator light	1
18	D6-032-15	•SCREW, M3x10	2
19	D6-060-26	•SCREW, M3x15	6
20	D5-031-13-1	•STRAIN RELIEF, pendant end	1
21	D5-031-13	•CORD, pendant control	1
22	D5-031-13-2	•STRAIN RELIEF, connector end	1
23	D6-010-24	•TIE, cable	1
24	D5-030-18	•COVER, cannon connector	1
25	D5-030-21	•CONNECTOR, cannon (male 19 pin)	1
26	D6-010-57-1	SCREW, phillips hd., M4x10 (plated)	4
27	D5-030-20	CONNECTOR, cannon (female 19 pin)	1
28	D5-030-46	GASKET, connector	2
29	D6-032-10	SCREW	4
30	D5-032-20	COVER, auxiliary base connector	1
31	D4-030-05	PUMP/MOTOR ASSEMBLY	1
32	D6-011-19	BOLT, allen, M5x75	3
33	D1-030-14	PAD, insulating, motor	1
34	D5-030-04	CONNECTOR, 3-pin, male	1
35	D5-030-05	CONNECTOR, 3-pin, female	1
36	D5-030-03	CONNECTOR, 2-pin, female	A/R
37	D5-030-02	CONNECTOR, 2-pin, male	A/R
38	D6-010-19	SCREW, phillips hd., M5x10	1



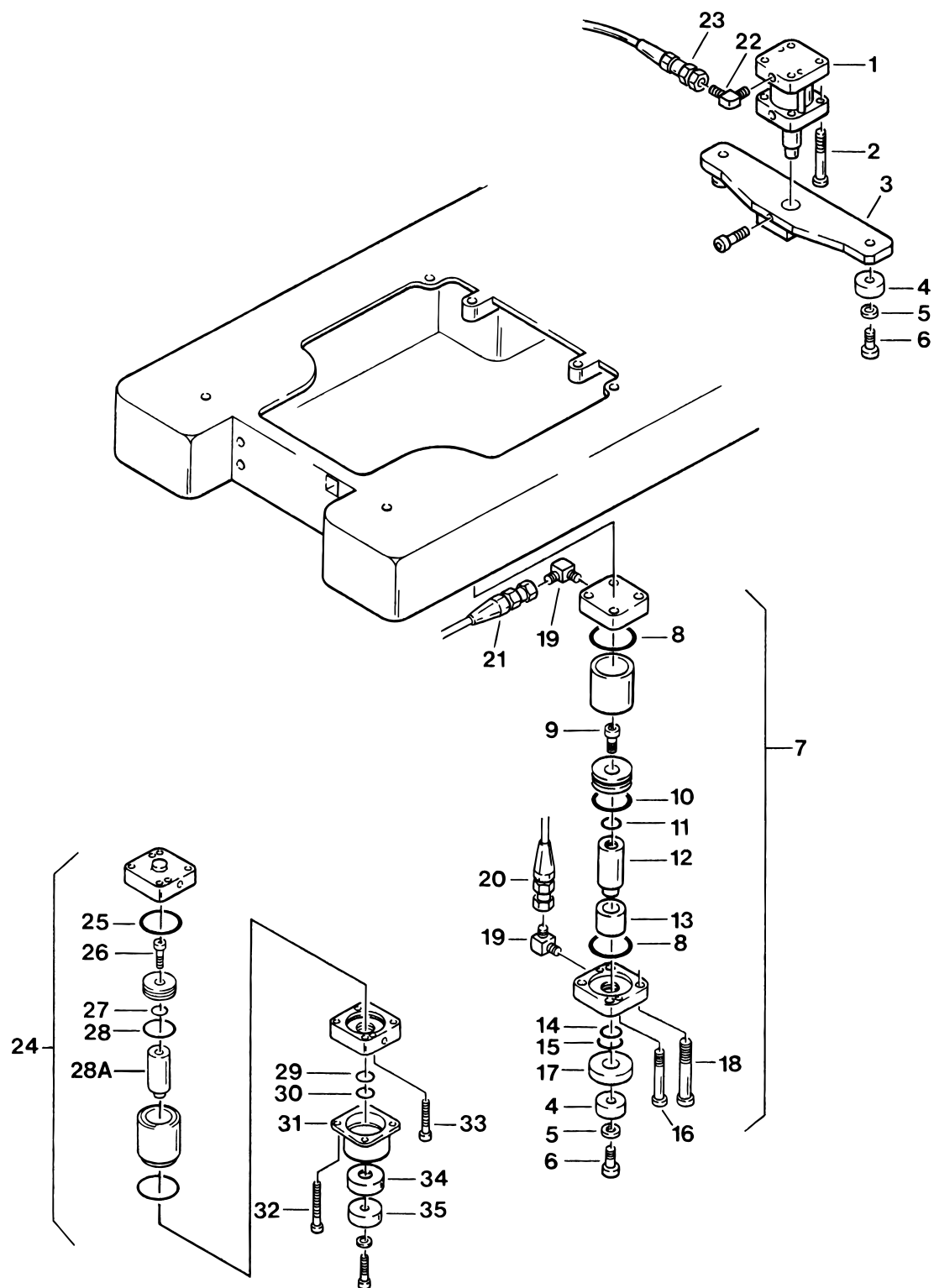
Item	Part No.	Description	Qty.
39	D1-031-19	BRACKET, capacitor	1
40	D6-010-70	BOLT, allen, M5x10	2
41	D5-030-29	CAPACITOR, motor starting	1
42	D5-032-14	CONNECTOR, 5-pin, female	1
43	D5-032-28	CONNECTOR, 16-pin, female	2
44	D5-032-27	CONNECTOR, 15-pin, female	1
	D5-060-23	WIRE HARNESS, micro-switches	1
45	D5-032-30	RELAY BOX, S.N.3100-1992-8-441&L	1
	D5-060-19	RELAY BOX, S.N.3100-1989-11-274 to 3100-1992-8-440	1
	D5-060-14	RELAY BOX, S.N.3100-1989-11-273&P	1
46	D5-032-10	CONNECTOR, 20-pin, female	1
	D5-031-45	CONNECTOR, 16-pin, male	1
	D5-031-46	CONNECTOR, 16-pin, female	1
	D5-030-30	CONNECTOR, 36-pin, male	1
	D5-030-31	CONNECTOR, 36-pin, female	1
	D5-030-33	CONNECTOR, 6-pin, male	1
	D5-030-32	CONNECTOR, 6-pin, female	1



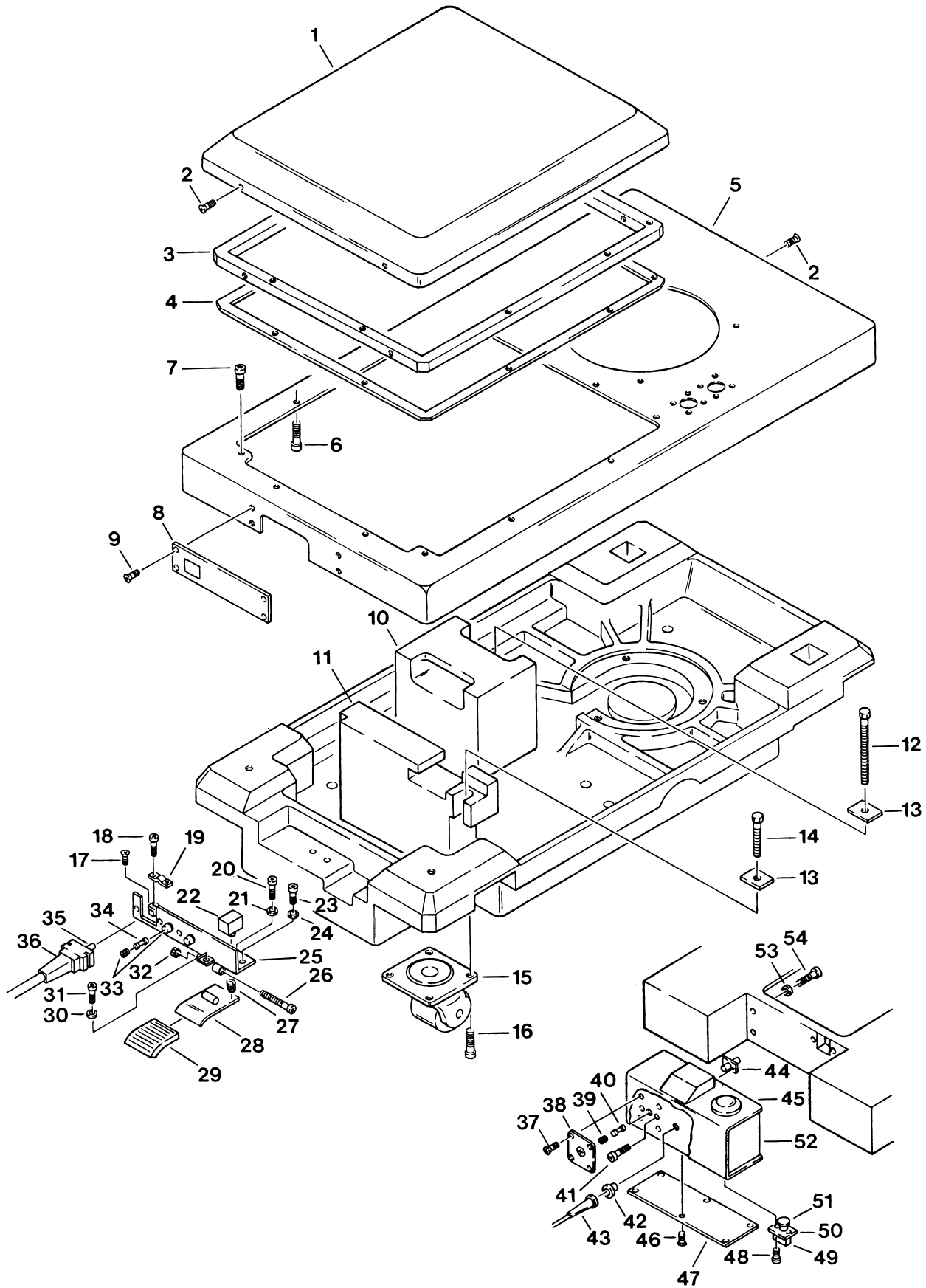
Item	Part No.	Description	Qty.
1	D4-032-23	TERMINAL, plumbing, S.N.3100-1992-8-441&L	1
	D4-031-99	TERMINAL, plumbing (Emergency Brake Release)	1
	D4-031-17-1	TERMINAL, plumbing	1
2		OIL LINE, specify function	A/R
3	D4-010-24	BOLT, plumbing, M6	A/R
4	D4-010-08	O-RING, P-7	A/R
5	D6-032-13	BOLT, allen, M6x140, S.N.3100-1992-8-441&L	2
	D6-010-94	BOLT, allen, M6x35, S.N.3100-1992-8-440&P	2
6	D6-010-85	WASHER, flat, M6	2
7	D6-031-16	BUSHING, isolation	4
8	D4-032-81	STAND-OFF, S.N.3100-1992-8-441&L	2
9	D4-010-32	PACKING, copper	A/R
10	D4-010-31	FITTING, flexible hose	A/R
11		HOSE, flexible (specify function)	A/R
12	D6-010-47	BOLT, allen, M5x45	4
13	D4-031-23	PRESSURE RELIEF VALVE ASSY.	1
14	D4-031-67	•O-RING, P-10	1
15	D4-010-51	•O-RING, P-16	1
16	D4-031-12	•SPRING	1
17	D4-031-23-1	•VALVE, relief, 5mm dia (steel)	1
18	D4-031-23-2	•HOUSING, relief valve (5mm dia valve)	1
19	D4-010-18	CAP, blind, M6	1
20	D4-032-58	OIL LINE, pump outlet, S.N.3100-1992-8-441&L	1
	D4-031-22	OIL LINE, pump outlet, S.N.3100-1992-8-440&P	1
21	D4-032-52	OIL LINE	1
22	D4-032-51	FLEXIBLE TUBE	1
23	D4-032-50	OIL LINE	1
24	D4-032-47	OIL LINE	1
25	D4-032-48	FLEXIBLE HOSE	1
26	D4-032-49	OIL LINE	1
28	D4-032-24	BLOCK, emergency brake release S.N. 3100-600&P, 3100A-040&P	1
	D4-032-24-1	BLOCK, emergency brake release S.N. 3100-601&L, 3100A-041&L	1
29	D4-010-52	O-RING, P-4	1
30	D4-032-25	HANDLE, emergency brake release	1
31	D6-010-30	BOLT, allen, M6x20	A/R
32	D4-032-46	SPACER	1
33	D4-010-37	GASKET, oil filler	1
34	D4-010-38	FITTING, oil filler	1
35	D4-010-39	CAP, oil filler	1
36	D6-010-67	BOLT, allen, M5x15	4
37	D4-030-12	FITTING, hydraulic motor/oil tank 90°	2
38	D4-030-03	OIL LINE, supply	1
39	D4-031-14	COVER, oil tank	1
40	D4-031-13	GASKET, oil tank cover	1
41	D4-030-19	TUBE, induction	1
42	D4-031-11	STRAINER, oil	1
43	D6-010-30	BOLT, allen, M6x20	3
44	D6-031-15	WASHER, flat, M6	3



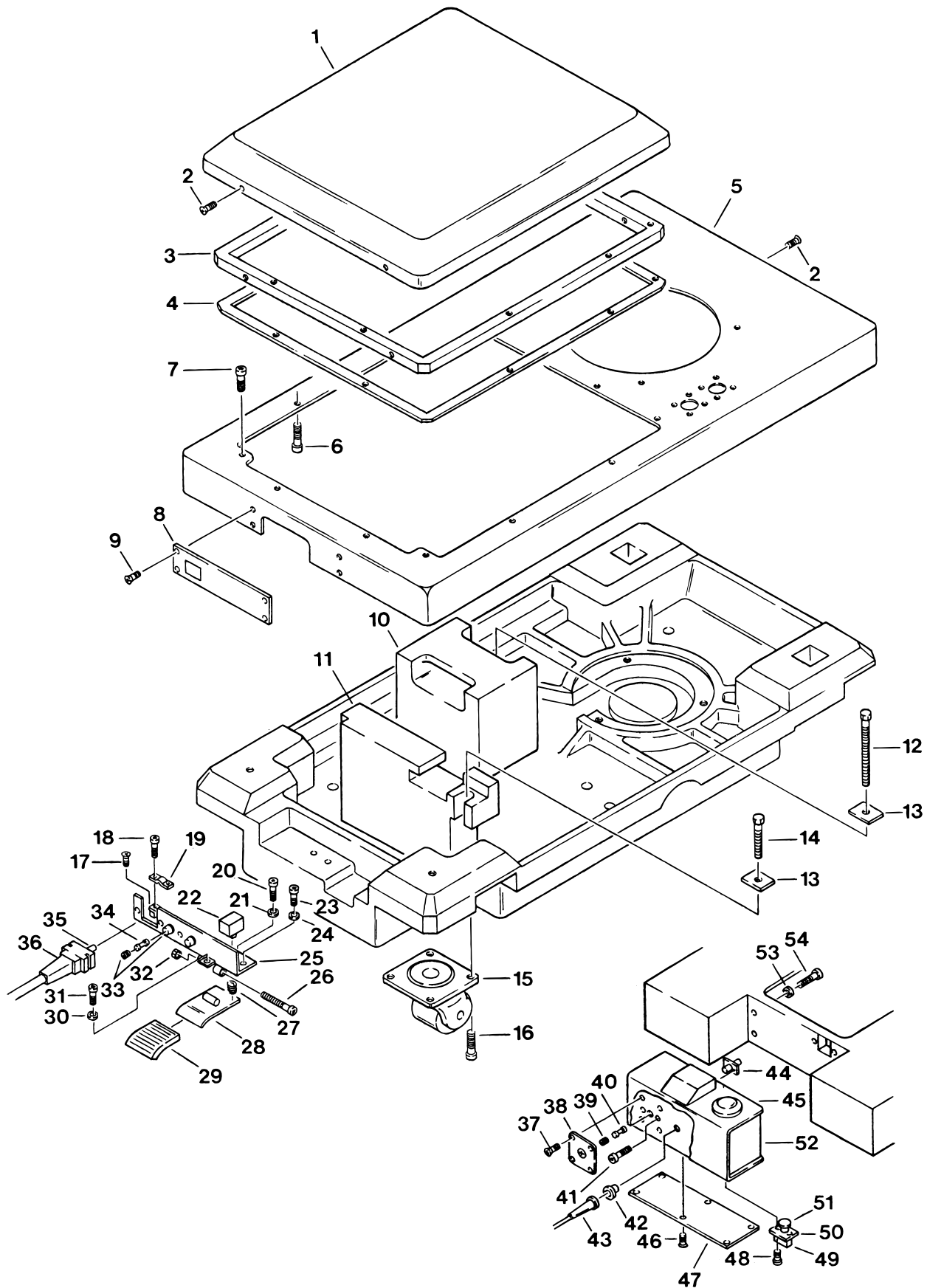
Item	Part No.	Description	Qty.
45	D1-031-12	BUSHING, isolation	6
46	D4-032-56	PLATE, oil tank receiving, S.N.3100-1992-8-441&L	1
	D1-031-13	PLATE, oil tank receiving, S.N.3100-1992-8-440&P	1
47	D4-032-55	RESERVOIR, oil tank, S.N.3100-1992-8-441&L	1
	D4-031-10	RESERVOIR, oil tank, S.N.3100-1992-8-440&P	1
48	D6-010-51	BOLT, allen, M6x10	2
49	D6-010-40	WASHER, lock, M6	2
50	D4-010-52	O-RING, P-4	A/R
51	D4-031-21	ELECTRO/MINI-VALVE ASSEMBLY (3-way), 120VAC (elevation)	
	D4-032-92	ELECTRO/MINI-VALVE ASSEMBLY (3-way), 120VAC (brake)	A/R
52	D4-030-02	ELECTRO/MINI-VALVE ASSEMBLY (4-way), 120VAC	A/R
53	D6-010-65	•BOLT, allen, M5x35	2
54	D4-010-41	•PLUG, cap	2
55	D4-010-42	•SPRING, return	2
56	D4-010-25	•VALVE, non-return	2
57	D4-010-43	•VALVE BLOCK, 4-way	6
	D4-020-23	•VALVE BLOCK, 3-way	2
58	D4-010-20	•O-RING, P-3	2
59	D4-010-44	•VALVE, needle, speed control	2
60	D4-010-19	•O-RING, P-6	2
61	D4-010-01	•O-RING, P-8	2
62	D4-010-51	•O-RING, P-16	2
63	D4-010-14	•O-RING, P-12	2
64	D5-030-34	•SOLENOID, 120VAC	2
65	D6-010-79	•SCREW, phillips hd., M3x5	8
66	D6-010-78	•WASHER, lock, M3	8
67	D4-010-40	CAP, end	1
68	D4-031-19	STUD	2
69	D6-010-77	WASHER, lock, M5	4
70	D6-010-76	NUT, M5	4
71	D4-035-37	CYLINDER ASSEMBLY, brake, S.N.3100-602&L, 3100A-011&L	1
	D4-031-60	CYLINDER ASSEMBLY, brake, single action, S.N.3100-274 to -601, 3100A-010&P	1
	D6-031-50	BRAKE CYLINDER REBUILD KIT	A/R
72	D4-031-47	•O-RING, G-35	1
73	D4-010-02	•O-RING, P-14	1
74	D4-031-66	•SCRAPER, piston	1
75	D6-031-25	•BOLT, allen, M5x65	2
76	D4-031-48-1	COVER, ram	4
77	D6-031-26	BOLT, allen, M6x95	16
78	D4-031-95-1	SEAT, brake rubber	4
79	D4-031-96	PAD, brake, self-leveling, hard	2
	D4-031-97	PAD, brake, self-leveling, soft	2
80	D6-010-36	WASHER	4
81	D6-010-30	BOLT, allen, M6x20	4
82	D6-032-41	SCREW, set	1
83	D6-010-41	NUT, M6	2
84	D6-010-40	WASHER, M6	1



Item	Part No.	Description	Qty.
1	D4-031-24	CYLINDER ASSEMBLY, rear brake, S.N.3100-1986-023 to -046	1
	D6-031-48	BRAKE CYLINDER REBUILD KIT	A/R
2	D6-010-69	BOLT, allen, M8x85	4
3	D1-010-26	PLATE, brake seat	1
4	D1-010-12	PAD, brake rubber	4
5	D6-010-36	WASHER, brake rubber	4
6	D6-010-30	BOLT, allen, M6x20	4
7	D4-031-25	CYLINDER ASSEMBLY, front brake, S.N.3100-1986-023 to -046	2
	D6-031-48	BRAKE CYLINDER REBUILD KIT	A/R
8	D4-010-09	•O-RING, G-50	4
9	D6-010-53	•BOLT, allen, M8x20	2
10	D4-010-54	•O-RING, P-34	2
11	D4-010-56	•O-RING, P-10A	2
12	D4-031-27	•RAM, front brake cylinder	2
13	D4-031-28	•STOP, piston	2
14	D4-031-29	•SEAL RING, PS-25	2
15	D4-031-30	•SCRAPER, SER-25	2
16	D6-010-66	•BOLT, allen, M6x65	4
17	D4-010-95	SEAT, brake rubber	2
18	D6-031-18	BOLT, allen, M8x90	8
19	D4-010-29	FITTING, hydraulic, 90° elbow	4
20	D4-060-56	HOSE, flexible (right front brake, ram)	1
	D4-060-57	HOSE, flexible (left front brake, ram)	1
21	D4-060-58	HOSE, flexible (right front brake, piston)	1
	D4-060-59	HOSE, flexible (left front brake, piston)	1
22	D4-010-30	FITTING, hydraulic, 45° elbow	2
23	D4-060-60	HOSE, flexible (rear brake cylinder)	2
	D4-060-61	HOSE, flexible (left rear brake) - 4 brake system	2
	D4-060-62	HOSE, flexible (right rear brake) - 4 brake system	2
	D6-031-49	BRAKE CYLINDER REBUILD KIT	A/R
24	D4-031-34-1	CYLINDER ASSEMBLY, brake, dual action - 4 brake system, S.N.3100-1986-1-074 to S.N.3100-1989-11-273	4
25	D4-031-47	•O-RING, G-35	2
26	D6-010-17	•BOLT, allen, M8x15	1
27	D4-010-56	•O-RING, P-10A	1
28	D4-010-12	•O-RING, P-24	1
28A	D4-031-34-2	•RAM, brake cylinder, for D4-031-34-1	1
29	D4-031-45	•SEAL RING, PS-20	1
30	D4-031-46	•SCRAPER, SER-20	1
31	D4-031-48	•COVER, ram	1
32	D6-031-20	•BOLT, allen, M6x85	4
33	D6-031-22	•BOLT, allen, M5x55	2
34	D4-031-32	ADJUSTABLE FOOT, brake cylinder	2
	D4-031-95-1	SEAT, brake rubber	A/R
35	D4-031-56	PAD, brake cylinder adjustable foot	2
	D4-031-96	PAD, brake, self-leveling, hard	2
	D4-031-97	PAD, brake, self-leveling, soft	2



Item	Part No.	Description	Qty.
1	D1-031-36	COVER, service access, S.N.3100N-1995-9-602&L, 3100A-1995-9-011&L	
	D1-032-07	COVER, service access, S.N.3100-1992-8-441 to 601, 3100A-010&P	1
	D1-070-03	COVER, service access, S.N.3100- to S.N.3100-1992-8-440	1
	D1-060-14	COVER, service access, S.N.3100- &P	1
2	D6-050-37	SCREW, phillips hd., M4x8	4
	D6-010-98-1	BOLT, allen, M8x60, plated	4
3	D1-031-37	FRAME, S.N.3100N-1995-9-602&L, 3100A-1995-9-011&L	1
	D1-032-09	FRAME, S.N.3100-1992-8-441 to 601, 3100A-010&P	1
	D1-032-03	FRAME	1
4	D1-032-10	GASKET, S.N.3100-1992-8-441&L	1
	D1-032-04	GASKET	1
5	D1-060-17	HOUSING, base, S.N.3100-1992-8-441&L	1
6	D6-010-67	BOLT, allen, M5x15	10
7	D6-010-51	BOLT, allen, M6x10	2
8	D1-032-12	PLATE, fuse cover	1
9	D6-032-08	SCREW, M4x6, black	4
10	D1-070-02	BALANCE WEIGHT	1
11	D1-032-27	BALANCE WEIGHT	1
12	D6-070-18	BOLT, allen, M8x115	1
13	D6-070-17	RETAINER, balance weight	2
14	D6-010-97	BOLT, allen, M8x50	1
15	D1-010-30	CASTER, 105HB-P	4
16	D6-010-96	BOLT, allen, M10X20	16
17	D6-010-16	SCREW, phillips hd., M5x6	1
18	D6-032-06	BOLT, allen, M4x20	2
19	D5-032-37	RETAINER, power cord	1
20	D6-010-30	BOLT, allen, M6x20	2
21	D6-010-41	NUT, M6	2
22	D5-032-55	SWITCH, main power	1
23	D6-010-51	BOLT, allen, M6x10	3
24	D6-010-40	WASHER, lock, M6	3
25	D5-032-52-3	BRACKET, On/Off switch	1
26	D6-032-09	BOLT, allen, M5x50	1
27	D6-032-12	SPRING (#89)	1
28	D5-032-53-1	SWITCH PEDAL, On/Off switch	1
29	D5-032-54	COVER, switch pedal	1
30	D6-010-59	NUT, M4	1
31	D6-032-06	BOLT, allen, M4x20	1
32	D6-010-76	NUT, M5	1
33	D1-030-15	FUSE HOLDER	2
	D5-032-74	FUSE HOLDER, 250V, 15A (9/97&L)	1
34	D5-032-41	FUSE, 10A	2
35	D5-032-34	POWER CORD ASSEMBLY	1
36	D5-032-35	STRAIN RELIEF	1
37	D6-031-05	SCREW, phillips hd., M4x10 (plated)	4
38	D1-031-24	PLATE, fuse cover	1
39	D1-030-15	FUSE HOLDER	1



Item	Part No.	Description	Qty.
40	D5-030-10	FUSE, 8 amp	1
41	D6-010-67	BOLT, allen, M5x15	2
42	D5-031-27	GROMMET, strain relief	1
43	D5-030-01	POWER CORD	1
44	D1-031-29	PLATE, fuse holder mount	1
45	D1-031-30	COVER, rubber, electrical enclosure	1
46	D6-050-37	SCREW, phillips hd., M4x8	6
47	D1-031-33	COVER, electrical enclosure, bottom	1
48	D6-010-70	BOLT, allen, M5x10	2
49	D5-030-19	SWITCH, main power	1
50	D1-031-32	PLATE, switch mounting	1
51	D5-031-28	HEAD, power switch	1
52	D1-031-31	ENCLOSURE, electrical	1
53	D6-010-77	WASHER, lock, M5	4
54	D6-010-37	BOLT, allen, M5x20	4

Item	Part No.	Description	Qty.
	D6-050-02	GAUGE, oil pressure	A/R
	D6-010-09	GREASE, slider	2.8 oz.
	D6-010-90	OIL, hydraulic	Qt.
	D6-031-50	BRAKE CYLINDER REBUILD KIT	A/R
	D6-031-48	BRAKE CYLINDER REBUILD KIT	A/R
	D6-031-49	BRAKE CYLINDER REBUILD KIT	A/R
